Index of Claims

| App | licatio | n/Control | No. |
|-----|---------|-----------|-----|

10/621,978

Examiner

Anish Gupta

Applicant(s)/Patent under Reexamination

AOKI ET AL.

Art Unit

1654

| √ | Rejected |
|----------|----------|
| 1 | Allowed |

| 1 | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| Z | Non-Elected |
|---|--------------|
| ı | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | | | | | , | | _ | |
|-------|----------------------------------|----------------|----------|--------------|--|----------|----------|--------------|----------------|----------|
| Cla | aim | Γ | | | - | Date | e - | | _ | |
| Final | | 7 | | | | | | | | |
| | | 一 | H | | | \vdash | ┢ | - | T | Н |
| | 1 2 3 4 5 | ┢ | | | | 1 | \vdash | | Г | |
| | 3 | | | | | | | | | |
| | 4 | | | | | | | | | |
| | 5 | L | | L | L | 匚 | ᆫ | | _ | |
| | 6 7 | | | | L_ | <u> </u> | ㄴ | | <u> </u> | _ |
| | 7 | <u> </u> | ļ | <u> </u> | ļ | <u> </u> | <u> </u> | _ | ╙ | Ш |
| | 8 | | | | ├ | ├ | | | H | Н |
| | 10 | ├ | | ├─ | - | ├ | - | | \vdash | \vdash |
| | 11 | ┢ | | ├ | \vdash | ├─ | ┝┈ | | ⊢ | Н |
| | 12 | | | \vdash | | ┢ | \vdash | - | - | - |
| | 12 13 14 15 16 17 | \vdash | \vdash | <u> </u> | \vdash | ├ | \vdash | | \vdash | \vdash |
| | 14 | \vdash | \vdash | | \vdash | \vdash | \vdash | | | H |
| | 15 | _ | \vdash | | | \vdash | | | | |
| | 16 | | \vdash | | | | | | | П |
| | 17 | | | | Г | | | | | |
| | 18 19 | V | | | | | | | | |
| | 19 | マ | | | | | | | | |
| | 20 | J | | | | | | | | |
| | 21 22 | 7 | | | L | | | | | |
| | 22 | V | <u> </u> | | <u> </u> | _ | | L | | |
| | 23 24 25 | 1 | <u> </u> | | _ | L | | | L | |
| | 24 | 1 | <u> </u> | | L_ | ╙ | L | _ | <u> </u> | Щ |
| | 25 | Y, | <u> </u> | _ | <u> </u> | ⊢ | _ | <u> </u> | | Ш |
| | 26 27 | 1 | \vdash | - | <u> </u> | ⊢ | <u> </u> | <u> </u> | ┝ | |
| | 28 | レンコンソ ソンンン | \vdash | _ | ⊢ | ⊢ | _ | ┝ | | |
| _ | 20 | V | ┝ | - | ⊢ | ⊢ | \vdash | \vdash | - | H |
| | 29 30 | <u> </u> | - | - | \vdash | ⊢ | | - | | - |
| | 31 | - | - | - | \vdash | ┢ | | <u> </u> | ┢╌ | |
| | 32 | \vdash | \vdash | | | I^- | \vdash | ┢ | - | H |
| | 32 33 | \vdash | Г | | | Т | Г | Г | Г | |
| | 34 | | | | | | | | | |
| | 35 | | | | | | | | | |
| | 36 | | | | | | | | | |
| | 37 | | | | | | | | | |
| | 38 | | | $oxed{\Box}$ | | | \Box | \Box | | |
| | 39 | <u> </u> | L | <u> </u> | L | L_ | <u> </u> | L | <u> </u> | Ш |
| | 40 | <u> </u> | _ | Ш | L | L | <u>L</u> | <u> </u> | L_ | Ш |
| | 41 | \vdash | _ | \vdash | | L | L | | <u> </u> | Щ |
| | 42 | - | <u> </u> | | <u> </u> | <u> </u> | \vdash | L | <u> </u> | Ш |
| | 43 | <u> </u> | <u> </u> | | <u> </u> | \vdash | <u> </u> | _ | <u> </u> | \vdash |
| | 44 | H | _ | \vdash | <u> </u> | \vdash | \vdash | | <u> </u> | Н |
| | 45 46 | - | _ | - | <u> </u> | \vdash | \vdash | \vdash | | \vdash |
| | 47 | - | | | | - | - | | \vdash | \vdash |
| | 48 | \vdash | _ | \vdash | <u> </u> | \vdash | | | H | Н |
| | 49 | \vdash | \vdash | \vdash | H | \vdash | \vdash | Н | Н | \vdash |
| | 50 | - | | | | | - | ┝ | Н | Н |

| Cla | im | | | | | Date | e | | | | | Cla | im | L | | | | Date | 3 | | | |
|----------|----------|-----------------|------------|----------|----------|--------------|--------------|-----------|--------------|----------|-----|-------|----------|----------------|----------|--------|---|----------|--------------|---------------|----------|----------|
| | | $\lceil \rceil$ | | | | | | | | | | | | | | | | | | | | |
| ē | Original | 70.00 | | | | | | l | | | | 펼 | Original | | | | | | | | | |
| 200 | rj | 7/ | | | | | | | | | | Final | Ē. | | | | | | | | | |
| - 1 | 0 | 0 | | | | | | | | | | | 0 | | | | | | | | | |
| \dashv | 1 | Н | | _ | | \vdash | ┢ | \vdash | \vdash | ┢ | | | 51 | 1 | - | | | - | _ | | | \neg |
| \neg | 2 | | _ | | | _ | | ┝ | \vdash | ┢╌ | 1 1 | | 52 | \vdash | | | | | _ | | \vdash | \dashv |
| | 3 | H | | | | \vdash | \vdash | \vdash | \vdash | - | | | 53 | - | | | | _ | \vdash | | Н | |
| | 4 | | | | | ┝ | ┢ | | \vdash | ┝ | | _ | 54 | \vdash | _ | _ | | | - | | Н | \dashv |
| | 5 | - | _ | | | ⊢ | ├ | \vdash | ┝ | \vdash | | | 54 55 | - | | | | | | | - | |
| \dashv | 6 | Н | _ | \vdash | _ | ⊢ | ⊢ | - | - | - | | | 56 | H | | | | - | - | | Н | |
| | 7 | Н | | | _ | ┝ | Н | - | ├ | ├ | 1 | | 57 | H | | | | _ | H | - | Н | - |
| | 8 | H | | _ | \vdash | ├ | - | _ | ⊢ | ⊢ | | _ | 57 58 | H | | | | | | - | - | \dashv |
| | 9 | - | | | - | ├ | | _ | ⊢ | ⊢ | | | 59 | | | | | | | | | - |
| | 40 | | | | _ | ⊢ | \vdash | | ⊢ | ⊢ | | | 29 | H | | | | | - | _ | Н | \dashv |
| _ | 10 | \vdash | | _ | | ├- | <u> </u> | - | ⊢ | H | | | 60 | | | | | | _ | | - | \dashv |
| _ | 11 | Н | | \vdash | _ | ┡ | L | _ | <u> </u> | <u> </u> | | | 61 | Н | | | | _ | _ | | | |
| _ | 12 13 | \vdash | _ | _ | _ | <u> </u> | \vdash | | _ | | | | 62 | | | | | | Ш | | | |
| _ | 13 | Щ | <u> </u> | Щ | _ | ⊢ | \vdash | \Box | Ц. | \vdash | | | 63 | Щ | L., | ļ | | | Ш | Ш | | \Box |
| _ | 14 | <u> </u> | | | | <u> </u> | Щ | Ш | L | <u> </u> | | | 64 | Щ | | | | \vdash | $oxed{oxed}$ | Ш | Ш | Щ |
| | 15 | | | | | | | | | L. | | | 65 66 | | | | | | _ | | Ш | \Box |
| | 16 | | | | _ | 匚 | | | | | | | 66 | Ш | | | | | _ | | | |
| | 17 | | | | | L | | | | | | | 67 | | | | | | | | | |
| | 18 | V | | | | | | | | | | | 68 | | | | | | | | | |
| | 19 | < | | | | | | | | | | | 68 69 | | | | | | | | | |
| | 20 | 7 | | | | | | | | | | | 70 | | | | | | | | | |
| | 21 22 | << | | | | | | | | | | | 71 | | | | | | | | | |
| | 22 | V | | | | | | | | | | | 72 | | | | | | | | | |
| | 23 | J | | | | | | | | | | | 73 | | | | | | | | | |
| | 24 | 1 | | | | | | | | | | | 74 | П | | | | | | | | |
| | 25 | 7 | | | | | | | Г | | | | 75 | | | | | | | | | |
| | 26 | V | | | | | | | | | | | 76 | | | | _ | | _ | | | |
| | 27 | マ | | | | | | | | | | | 77 | | | | | | | | | |
| - | 28 | V | | | | Н | | | - | | | | 78 | | - | | | | | $\overline{}$ | | |
| \neg | 29 | V | Н | | | | | | | | | | 79 | Н | | | | _ | | | - | \neg |
| _ | 30 | Ť | | _ | _ | \vdash | _ | _ | _ | _ | | - | 79 80 | Н | | | | | \vdash | | Н | |
| - | 31 | Н | - | | | ┢ | | | Η. | | | | 81 | H | | | | - | | | - | \dashv |
| \neg | 32 | \vdash | | | | ╁─ | \vdash | | _ | _ | | | 82 | Н | | | _ | _ | \vdash | - | Н | |
| _ | 32 33 | Н | | \vdash | | ╁ | \vdash | | \vdash | | | | 82 83 | \vdash | | | _ | | \vdash | _ | | \dashv |
| - | 34 | Н | | _ | _ | \vdash | - | _ | | | | | 84 | - | - | | | | _ | _ | | |
| | 35 | Н | | _ | | Η- | | | - | ⊢ | | | 85 | Н | | | | | | - | \vdash | |
| \dashv | 36 | Н | | _ | _ | H | _ | | - | _ | | | 86 | \vdash | | | | _ | | _ | Н | \dashv |
| \dashv | 37 | Н | \vdash | - | <u> </u> | | | \vdash | | \vdash | | | 87 | Н | | | | | Н | Н | Н | \dashv |
| - | 38 | | - | \vdash | | - | - | <u> </u> | - | ├ | } | | 88 | Н | | | | | \vdash | | Н | |
| \dashv | 30 | Н | <u> </u> | | Н | ├ | <u> </u> | H | <u> </u> | \vdash | | | 89 | Н | \vdash | | | | \vdash | \vdash | Н | \dashv |
| - | 39 40 | | <u> — </u> | - | \vdash | - | | <u> —</u> | | <u> </u> | | | 09 | Н | \vdash | | | \vdash | \vdash | \vdash | \vdash | - |
| \dashv | | | — | | ┝┩ | ├ | <u> </u> | <u> </u> | | ├- | | | 90 | Н | \vdash | | | | Н | \vdash | Н | ⊢-∤ |
| 4 | 41 | Н | H | | | \vdash | | H | <u> </u> | <u> </u> | | | 91 | $\vdash\vdash$ | - | - | | | <u> </u> | | H | |
| 4 | 42 | \vdash | | | _ | <u> </u> | Ш | Н | | \vdash | | | 92 | Н | \vdash | _ | _ | | Щ | \vdash | Н | \dashv |
| 4 | 43 | Ш | | | | \vdash | \sqcup | \sqcup | _ | <u> </u> | | | 93 | Щ | | _ | | | Щ. | | Ш | |
| _ | 44 | Ш | | Ш | <u> </u> | \vdash | \sqcup | | Ь. | <u> </u> | | | 94 | Ш | Щ | | | | Щ | \sqsubseteq | Ш | - |
| ᆜ | 45 | Ш | | | | $oxed{oxed}$ | ldash | \Box | <u> </u> | <u> </u> | | | 95 | Ш | | \Box | | | Щ | | Ш | |
| | 46 | Ш | | | | L., | Щ | | Щ | Щ | | | 96 | Ш | | | | | <u> </u> | | | _ |
| _ | 47 | Ш | | | | L_ | | | | L | | | 97 | Ш | | | | | Ш | | | |
| | 48 | Ш | | Ш | L., | L. | Ш | Ш | Щ | L | | | 98 | Щ | | | | | Ш | | Ш | |
| | 49 | Ш | | | | | | | | | [| | 99 | Ш | | | | | | | | |
| | 50 | Ш | | | | L | لـــا | | | | | I | 100 | L | |] | | | | | |] |
| | | | | | | | | | | | • | | | | | | | | | | | |

| Cla | aim | Date | | | | | | | | | |
|-------|-------------------|---|----------|----------|----------|-------------------------------------|----------|--|----------|-----------------|--|
| | | | | Ϊ́ | | | | | \sqcap | | |
| ਰ | Original | | | | l | | 1 | | | | |
| Final | ij | | | | | | | | | | |
| _ | 0 | | | | | | | | | | |
| | 101 | \vdash | \vdash | \vdash | _ | _ | \vdash | \vdash | - | Н | |
| | 102 | \vdash | \vdash | \vdash | _ | _ | ┢ | \vdash | H | Н | |
| | 103 104 105 | 一 | | - | ┢ | \vdash | ┢ | ┢ | \vdash | Н | |
| | 104 | \vdash | - | - | ┢╌ | \vdash | \vdash | H | - | Н | |
| | 105 | \vdash | \vdash | | - | \vdash | | | Н | Н | |
| | 106 | _ | _ | \vdash | ┢ | \vdash | \vdash | | | Н | |
| _ | 106 107 | Н | | | | | _ | | Т | Н | |
| | 108 | \vdash | Г | | | \vdash | | | Г | П | |
| | 109 110 111 | Т | | | | | | \vdash | | М | |
| | 110 | | | | | | | | | | |
| | 111 | | | | | | | | | П | |
| | 112 | | | | | | | | | П | |
| | 112 113 | | Г | | | Г | | | Г | \square | |
| | 114 | | | | | Г | Г | $\overline{}$ | Г | \square | |
| | 114 115 | Г | | Г | | Г | l | | | П | |
| | 116 | | | | | | | | | П | |
| | 117 | | | | | | | | | П | |
| | 117 118 | \Box | · | | | | | | П | П | |
| | 119 | | | | | | | | | | |
| | 120 121 | | | | Г | | | | | | |
| | 121 | | | | | | | | | | |
| | 122 | | | | | | | | | | |
| | 123 | | | | | | | | | | |
| | 122 123 124 | | | | | | | | | | |
| | 125 126 | | | | | | | | | | |
| | 126 | | | | | | | | | | |
| | 127 | | | | | | | | | | |
| | 128 129 130 | | | | | | | | | | |
| | 129 | | | | | | | | | | |
| | 130 | | | | | L | L_ | L | | | |
| | 131 | | | | | | | | | | |
| | 131 132 | | | | | Ш | | | Ш | Ш | |
| | 133 | | L | | <u> </u> | L_ | | <u> </u> | Щ | Ш | |
| | 134 135 | Ш | L_ | <u> </u> | L | <u> </u> | <u> </u> | <u> </u> | Щ | Ш | |
| | 135 | $ldsymbol{ld}}}}}}$ | L | <u> </u> | | | ļ | <u> </u> | Ш | Ш | |
| | 136 | Щ | L | <u> </u> | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | <u> </u> | oxdot | Щ | |
| | 137 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | L | <u> </u> | <u> </u> | \square | |
| | 138 | $ldsymbol{ldsymbol{\sqcup}}$ | L | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ⊢ | L | Щ | |
| | 139 | oxdot | L_ | _ | <u> </u> | \vdash | | <u> </u> | ļ | Ш | |
| | 140 | L., | L | <u> </u> | _ | \vdash | <u> </u> | <u> </u> | <u> </u> | Щ | |
| | 141 | _ | L. | <u> </u> | | \vdash | <u> </u> | <u> </u> | Ш | Щ | |
| | 142 | <u> </u> | ۲ | L | ļ | | <u> </u> | H | H | $\vdash \vdash$ | |
| | 143 | | L_: | ļ | <u> </u> | \vdash | | <u> </u> | \vdash | Н | |
| | 144 | Щ | - | Щ. | <u> </u> | \vdash | \vdash | \vdash | L | $\vdash \vdash$ | |
| | 145 | <u> </u> | | \vdash | <u> </u> | \vdash | \vdash | <u>لـــــ</u> | L., | Н | |
| | 146 | <u> </u> | \vdash | L | _ | \vdash | \vdash | | <u> </u> | Н | |
| | 147 | | \vdash | | <u> </u> | \vdash | _ | \vdash | _ | Ш | |
| | 148 | Ш | \vdash | | <u> </u> | \vdash | _ | H | Щ | Н | |
| | 149 | Ш | <u> </u> | | _ | H | \vdash | Ь. | <u> </u> | Н | |
| | 150 | | | L | L | | | L | ليا | Ш | |